

CONCLUSION

If the Examiner feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 731-5875.

Respectfully submitted,

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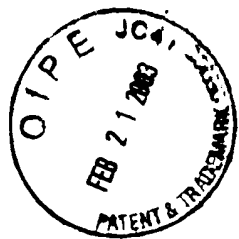


Figure 1

Sequence Name:

GW.S.ctg16335-000003.31.0

Figure 1A

LLAPTGSLFRNCTQDGWSETFPRPNLACGVNVNDSSNEKRSYLLKLKVMYTVGYSSSLVM  
LLVALGILCAFRRLHCTRNYIHMHLFVSFILRALSNIKDAVLFSSDDVTYCDHRGCKL  
VMVLFXYCIMANYSWLLVEGSTFTHxLAISFFSERKYLQGFVAFGWGSPAIFVALWAIAR  
HFLEDVGCWDINANASIWWIIRGPVILSILNFILFINILRILMRKLRTQETRGNEVSHYK  
RLARSTLLLIPLFGIHYIVFAFSPEDAMEIQLF

Figure 1B

CTCTTGGCACCCACAGGTTCCCTTGTTCCGAACTGCACACAGGATGGCTGGTCAGAAACC  
TTCCCCAGGCCTAATCTGGCCTGTGGCGTTAATGTGAACGACTCTTCCAACGAGAAGCGG  
CACTCCTACCTGCTGAAGCTGAAAGTCATGTACACCGTGGGCTACAGCTCCTCCCTGGTC  
ATGCTCCTGGTCGCCCTTGGCATCCTCTGTGCTTTCCGGAGGCTCCACTGCACTCGCAAC  
TACATCCACATGCACCTGTTCTGTGCTTTCATCCTTCGTGCCCTGTCCAACCTCATCAAG  
GACGCCGTGCTCTTCTCCTCAGATGATGTACCTACTGCGATGCCACAGGGCGGGCTGC  
AAGCTGGTCATGGTGCTGTTT

Figure 1C

TACTGCATCATGGCCAACTACTCCTGGCTGCTGGTGGAAGGCTCTACCTTCACACATNTC  
CTCGCCATCTCCTTCTTCTCTGAAAGAAAGTACCTCCAGGGATTTGTGGCATTTCGGATGG  
GGTTCTCCAGCCATTTTGTGCTTTGTGGGCTATTGCCAGACACTTTCTGGAAGATGTT  
GGGTGCTGGGACATCAATGCCAACGCATCCATCTGGTGATCATTCTGGTCTCTGTGATC  
CTCTCCATCCTGATTAATTTTCATCCTTTTCATAAACATTCTAAGAATCCTGATGAGAAAA  
CTTAGAACCCAAAGAAACAAGAGGAAATGAAGTCAGCCATTATAAGCGCCTGGCCAGGTCC  
ACTCTCCTGCTGATCCCCCTCTTGGCATCCACTACATCGTCTTCGCCTTCTCCCCAGAG  
GACGCTATGGAGATCCAGCTGTTTTTT

Figure 1D

CTCTTGGCACCCACAGGTTCCCTTGTTCCGAACTGCACACAGGATGGCTGGTCAGAAACC  
TTCCCCAGGCCTAATCTGGCCTGTGGCGTTAATGTGAACGACTCTTCCAACGAGAAGCGG  
CACTCCTACCTGCTGAAGCTGAAAGTCATGTACACCGTGGGCTACAGCTCCTCCCTGGTC  
ATGCTCCTGGTCGCCCTTGGCATCCTCTGTGCTTTCCGGAGGCTCCACTGCACTCGCAAC  
TACATCCACATGCACCTGTTCTGTGCTTTCATCCTTCGTGCCCTGTCCAACCTCATCAAG  
GACGCCGTGCTCTTCTCCTCAGATGATGTACCTACTGCGATGCCACAGGGCGGGCTGC  
AAGCTGGTCATGGTGCTGTTT  
TACTGCATCATGGCCAACTACTCCTGGCTGCTGGTGGAAGGCTCTACCTTCACACATNTC  
CTCGCCATCTCCTTCTTCTCTGAAAGAAAGTACCTCCAGGGATTTGTGGCATTTCGGATGG  
GGTTCTCCAGCCATTTTGTGCTTTGTGGGCTATTGCCAGACACTTTCTGGAAGATGTT  
GGGTGCTGGGACATCAATGCCAACGCATCCATCTGGTGATCATTCTGGTCTCTGTGATC  
CTCTCCATCCTGATTAATTTTCATCCTTTTCATAAACATTCTAAGAATCCTGATGAGAAAA  
CTTAGAACCCAAAGAAACAAGAGGAAATGAAGTCAGCCATTATAAGCGCCTGGCCAGGTCC  
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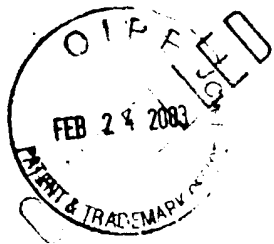


Figure 2

Sequence Name:

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Figure 2A

PTFILFSFQPGDKRTHICVYWEGSEGGHWSTEGCSHVHNSNGSYTKCKCFHLSSFAVLVA  
LAPKDPVLTVITQVGLTISLLCLFLAILTFLLCRPIQNTSTSLHLELSLCLFLAHLFLT  
GINRTEPELCSIIAGLLHFLYLACFTWMLLEGLHLFLTVRNLKVANYTSTGRFKKRFMY  
VGYGIPAVIIAVSAIVGPQNYGTFTHCWLKLDKGFIWSFMGPVAVIIILNLVIFYQVLWIL  
RSKLSSLNKEVSTIQDTRVMTFKAISQLFILGCSWGLGFFMVVEEVGKTIGSIIAYSFTII  
NTLQGVLLFVVHCLLNQRVR

Figure 2B

CCCACTTTCATACTATTCTCTTTCCAGCCTGGTGACAAGAGAACAAAACATATCTGTGTC  
TACTGGGAGGGATCAGAGGGAGGCCACTGGTCCACGGAGGGCTGCTCTCATGTGCACAGC  
AACGGTTCTTACACCAAATGCAAGTGCTTCCATCTGTCCAGCTTTGCCGTCCTCGTGGCT  
CTTGCCCCCAAGGAGGACCCCTGTGCTGACCGTGATCACCCAGGTGGGGCTGACCATCTCT  
CTGCTGTGCCTCTTCCCTGGCCATCCTCACCTTCCCTCTGTGCCGGCCCATCCAGAACACC  
AGCACCTCCCTCCATCTAGAGCTCTCCCTCTGCCTCTTCCCTGGCCACCTCCTGTTCCCTG  
ACGGGCATCAACAGAACTGAGCCTGAGGTGCTGTGCTCCATCATTCAGGGCTGCTGCAC  
TTCCTCTACCTGGCTTGCTTACCTGGATGCTCCTGGAAGGGCTGCACCTCTTCCCTCACC  
GTCAGGAACCTCAAGGTGGCCAACTACACCAGCACGGGCAGATTCAAGAAGAGGTTTCATG  
TACCCTGTAGGCTACGGGATCCCAGCTGTGATTATTGCTGTGTGTCAGCAATAGTTGGACCC  
CAGAATTATGGAACATTTACTCACTGTTGGCTCAAGCTTGATAAAGGATTCATCTGGAGC  
TTCATGGGGCCAGTAGCAGTCATTATCTTGATAAACCTGGTGTCTACTTCCAAGTTCTG  
TGGATTTTGAGAAGCAAACCTTCCCTCCCTCAATAAAGAAGTTTCCACCATTGAGGACACC  
AGAGTCATGACATTTAAAGCCATTTCTCAGCTATTTATCCTGGGCTGTTCTTGGGGCCTT  
GGTTTTTTTATGGTTGAAGAAGTAGGGAAGACGATTGGATCAATCATTGCATACTCATT  
ACCATCATCAACACCCTTCAGGGAGTGTTGCTCTTGTGGTACACTGTCTCCTTAATCGC  
CAGGTAAGG





Figure 3

Sequence Name:

GW.S.ctg13100-000000.33.0

Figure 3A

QHSDAVHDLDDLVDITWVGILLSLVCLLICIFTFCFFRGLQSDRNTIHKNLCSLFFVAELL  
FLIGINRTDQPACAVFAALLHFFFLAAFTWMFLEGVQLYIMLVEVFSEHSRRKYFYLVG  
YGMPALIVAVSAVDYRSYGTDKVCWLRLDTYFIWSFIGPATLIIMNVI FLGIALYKMFH  
HTAILKPESGCLDNIKLKINIPKSIYIYMYICMCV

Figure 3B

CAGCACAGTGATGCGGTCCATGACCTCCTTCTGGATGTGATCACGTGGGTGGAATTTTG  
CTGTCCCTTGTTTGTCTCCTGATTTGCATCTTCACATTTTGCTTTTCCGGGGGCTCCAG  
AGTGACCGTAACACCATCCACAAGAACCCTCTGCATCAGTCTCTTTGTAGCAGAGCTGCTC  
TTCCTGATTGGGATCAACCGAAGTACCAACCAATTGCCTGTGCTGTTTTCGCTGCCCTG  
TTACATTTCTTCTTCTTGGCTGCCTTCACCTGGATGTTCTTGGAGGGGGTGCAGCTTTAT  
ATCATGCTGGTGGAGGTTTTTGAGAGTGAACATTCACGTAGGAAATACTTTTATCTGGTC  
GGCTATGGGATGCCTGCACTCATGTGGCTGTGTCAGCTGCAGTAGACTACAGGAGTTAT  
GGAACAGATAAAGTATGTTGGCTCCGACTTGACACCTACTTCATTTGGAGTTTTATAGGA  
CCAGCAACTTTGATAATTATGCTTAATGTAATCTTCCTTGGGATTGCTTTATATAAAATG  
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ATTAATATTCCAATTATAAAATCTATTTATATCTATATGTATATATGCATGTGTGTG



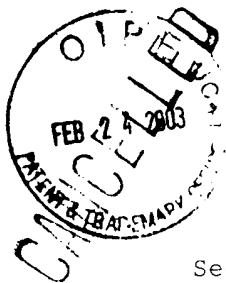


Figure 4

Sequence Name:

GW.A.ctg12444-000001.0.2

Figure 4A

GNVAVAFVYYKSIGPLLSSSDNFFLLKPQNYDNSEEEERVISSVISVSMSSNPPTLYELEK  
ITFTLSHRKTDYRSLCAFWNYSPTMNGSWSEGCETYSNETHTSCRCNHLTHFAILM  
SSGPSIIKDYNILTRITQLGIIISLICLAICIFTFWFFSEIQSTRTTIHKNLCCSLFLAE  
LVFLVGINTNTNKFCSIIAGLLHYFFLAFAWMCIEGIHLYLIVVGVIYNKGFLHKNFYI  
FGYLSPAVVVGFSAALGYRYGTTKVCWLSTENNFIWSFIGPACLIILVCIYKIVITIQQ  
SDDH

Figure 4B

GGCAATGTTGCAGTTGCATTTGTATATTATAAGAGTATTGGTCCTTTGCTTTTCATCATCT  
GACAACTTCTTATTGAAACCTCAAATTATGATAATTCTGAAGAGGAGGAAAGAGTCATA  
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ATAACATTTACATTAAGTCATCGAAAGGTCACAGATAGGTATAGGAGTCTATGTGCATTT  
TGGAATTACTCACCTGATACCATGAATGGCAGCTGGTCTTCAGAGGGCTGTGAGCTGACA  
TACTCAAATGAGACCCACACCTCATGCCGCTGTAATCACCTGACACATTTTGCAATTTTG  
ATGTCCTCTGGTCCTTCCATTGGTATTAAAGATTATAATATTCTTACAAGGATCACTCAA  
CTAGGAATAATTATTTCACTGATTTGTCTTGCCATATGCATTTTTACCTTCTGGTTCTTC  
AGTGAAATTCAAAGCACCAGGACAACAATTACAAAAATCTTTGCTGTAGCCTATTTCTT  
GCTGAACTTGTTTTCTTGTTGGGATCAATACAAATACTAATAAGCTCTTCTGTTCAATC  
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ATTCAAAAAAGTGATGATCAT





Figure 5

Sequence Name:

GW.S.ctg12789-000004.100.0

Figure 5A

GAWATTGCSVAALYLDSTACFCNHSTSFAILLQIYEVQGPEEESLLRTLSTFVGCVSFCA  
LTTTFLFLVAGVPKERTTVHKNLTFSLASAEGFLMTSEWAKANEACVAVTVAMHFLFL  
VAFSWMLVEGLLLWRKVVAVSMHPGPGMRLYHATGWGVVPGIVAVTLAMLPHDYVAPGHC  
WLVNHTNAIWAFVGPVLFVLTVS

Figure 5B

GGTGCTGGGCCACACAGGCTGCTCCGTGGCTGCCCTGTACCTGGACTCCACCGCCTGC  
TTCTGCAACCACAGCACCAGCTTTGCCATCCTGCTGCAAATCTATGAAGTACAGAGAGGC  
CCTGAGGAGGAGTCGCTGCTGAGGACTCTGTCAATTTGTGGGCTGTGGCGTGTCTTCTGC  
GCCCTCACCACCACCTTCTTGCTCTTCTGGTGGCCGGGGTCCCCAAGTCAGAGCGAACC  
ACAGTCCACAAGAACCTCACCTTCTCCCTGGCCTCTGCCGAGGGCTTCCTCATGACCAGC  
GAGTGGGCCAAGGCCAATGAGGTGGCATGTGTGGCTGTACAGTCGCAATGCACTTCCTC  
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GCTGTGAGCATGCACCCGGGCCCAGGCATGCGGCTCTACCACGCCACAGGCTGGGGCGTG  
CCTGTGGGCATCGTGGCGGTCAACCTGGCCATGCTCCCCCATGACTACGTGGCCCCCGGA  
CATTGCTGGCTCAATGTGCACACAAATGCCATCTGGGCCTTCGTGGGGCCTGTGCTCTTC  
GTGCTGACTGTGAGC



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Figure 6

Sequence Name:

GW.A.ctg12776-000000.33.0

Figure 6A

MKSPRRITLCLMFIVYSSKAALNWNYESITIHPLLHEHEPAGEEALRQKRAVATKSPTAE  
EYTVNIEISFENASFLDPIKAYLNSLSFPIHGNNTDQITDILSINVTTVCRPAGNEIWCS  
CETGYGWPRERCLHNLICQERDVFLPGHHCSCLKELPPNGPFCLLQEDVTLNMRVRLNVG  
FQEDLMNTSSALYRSYKTDLETARKGYGILPGFKGVTVTGFKSGSVVVTYEVKTPPSLE  
LIHKANEQVVQSLNQTYKMDYNSFQAVTINESNFFVTPEIIFEGDTVSLVCEKEVLSSNV  
SWRYEEQQLIQNSSRFSIYALFNNMTSVSKLTIHNITPGDAGEYVCKLILDIFFEYECK  
KKIDVMPILQILANEEMKVMCDNNPVSLNCCSQGNVNWWSKVEWKQEGKINIPGTPETDIDS  
SCSRYTLKADGTQCPSGSSGTTVIYTCEFISAYGARGSANIKVTFISVANLTITPDPISV  
SEGQNFISIKCISDVSNYDEVYWNNTSAGIKIYQRFYTRRYLDGAESVLTVKTSTREWNGT  
YHCIFRYKNSYSIATKDVIVHPLPLKLNIMVDPLEATVSCSGSHHIKCCIEEDGDYKVT  
HTGSSSLFAAKEVNNKKQVCYKHNFNASSVSWCSKTVDVCCHTNAANNVWSPSMKLNLV  
PGENITCQDPVIGVGEFGKVIQKLCRFSNVPSSPESPIGGTITYKCVGSQWEEKRNDICIS  
APINSLLOMAKLIKSPSQDEMLPTYLKDLSISIDKAEHEISSSPGSLGAIINILDLLSTV  
PTQVNSEMMTVLSTVNVILGKPVLTWVKVLOQQWNTNQSSQLLHVSVERFSQALQSGDSPPL  
SFSQTNVQMSSMVIKSSHPETYQQRFFVFPYFDLWGNVVIDKSYLENLQSDSSIVTMAFPT  
LQAILAQDIQENNFAESLVMTTTVSHNTTMPFRISMTFKNNSPSGGETKCVFWNFRANN  
TGGWDSSGCVVEEGDGNVTCICDHLTSFISILMSPDSPDPSSLLGILLDIISYVGVGFSI  
LSLAACLVVEAVVWKSVTKNRTSYMRHTCIVNIAASLLVANTWFIVVAAIQDNRYILCKT  
ACVAATFFIHFYLSVFFWMLTLGLMLFYRLVFILHETSRSTQKAI AFCLGYGCPLAISV  
ITLGATQPREVYTRKIVCWLNWEDTKALLAFAPALIIVVNNITITIVITKILRPSIGD  
KPCCKQEKSSLFQISKSIGVLTPLLGLTWGFGLTTFVPGTNLVFHIIIFAILNVFQLFILLF  
GCLWDLKQEALLNKFSLSRWSSQHSKTSLGSSSTPVFSMSSPISRRFNNLFGKTGTYNVST  
PEATSSSLENSSSSASSLLN

Figure 6B

ATGAAATCCCCAAGGAGAACCACCTTTGTGCCTCATGTTTATTGTGATTTATTCTTCCAAA  
GCTGCACTGAAGTGAATTACGAGTCTACTATTATCCTTTGAGTCTTCATGAACATGAA  
CCAGCTGGTGAAGAGGCACTGAGGCAAAAACGAGCCGTTGCCACAAAAGTCTACGGCT  
GAAGAATACACTGTTAATATTGAGATCAGTTTTGAAAATGCATCCTTCTGGATCCTATC  
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GACATTTTGGAGCATAAATGTGACAACAGTCTGCAGACCTGCTGGAAATGAAATCTGGTGC  
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GAGCGTGACGTCTTCTCCAGGGGACCATTGCAGTTGCCTTAAAGAACTGCCTCCCAAT  
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ATTTACACCGCACTTTTCAACAACATGACTTCGGTGTCCAAGCTCACCATCCACAACATC  
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ATGTGCGACAACAATCCTGTATCTTTGAACTGCTGCAGTCAGGGTAATGTTAATTGGAGC  
AAAGTAGAATGGAAGCAGGAAGGAAAAATAAATATTCCAGGAACCCCTGAGACAGACATA  
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TCCATTGGAGACAAGCCATGCAAGCAGGAGAAGAGCAGCCTGTTTCAGATCAGCAAGAGC  
ATTGGGGTCTCACACCACTCTTGGGCCTCACTTGGGGTTTTGGTCTCACCCTGTGTTT  
CCAGGGACCAACCTTGTGTTCCATATCATATTTGCCATCCTCAATGTCTTCCAGGGATTA  
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GGAACGTATAATGTTTCCACCCCAAGCAACCAGCTCATCCCTGGAAAACCTCATCCAGT  
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Figure 7

Sequence Name:

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Figure 7A

ILNSFSISNWTFIRDRNSSYILLHSVNSFARRLFIDNIPVDISDVFIHTMGTTISGDNIG  
KNFTFSMRINDTSNEVTGRVLISRDELKRVSPSPQVISIAFPTIGAILEASLLENTVNG  
LVLSAILPKELKRISLIFEKISKSEERRTQCVGWHSVENRWDQQACKMIQENSQQAVCKC  
RPSKLFTSFSILMSPHILESILTYITYVGLGISICSLILCLSIEVLVWSQVTKTEITYL  
RHVCIVNIAATLLMADVWFIVASFSLGPI THHKGCVAATFFVHFFYLSVFFWMLAKALLI  
LYGIMIVFHTLPKSVLVASLFSVGYGCP LAIAAITVAATEPGKGYLRPEICWLNWDMTKA  
LLAFVIPALAIVVVNLITVTLVIVKTQRAAIGNSMFQEVRAIVRISKNIAILTPLLGLTW  
GFGVATVIDDRSLAFHII FSLNAFQFFILVFGTILDPKV

Figure 7B

ATTCTTAACAGCAAAAGCATCTCCAACTGGACTTTCATTCGTGACAGAAACAGCAGCTAT  
ATCCTGCTACATTCACTCAACTCCTTTGCAAGAAGGCTATTCATAGATAACATCCCTGTT  
GACATATCAGATGTCTTCATTCACTATGCGGCACCACCATATCTGGAGATAACATTGGA  
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TTTTCASTGGGCTATGGATGCCCTTTGGCCATTGCTGCCATCACTGTTGCTGCCACTGAA  
CCTGGCAAAGGCTATCTACGACCTGAGATCTGCTGGCTCAACTGGGACATGACCAAAGCC  
CTCCTGGCCTTTCGTGATCCCAGCTTTGGCCATCGTGGTAGTAAACCTGATCACAGTCACA  
CTGGTGATTGTCAAGACCCAGCGAGCTGCCATTGGCAATTCATGTTCCAGGAAGTGAGA  
GCCATTGTGAGAATCAGCAAGAACATCGCCATCCTCACACCACTTCTGGGACTGACCTGG  
GGATTTGGAGTAGCCACTGTCATCGATGACAGATCCCTGGCCTTCCACATTATCTTCTCC  
CTGCTCAATGCATTCCAGGGTTTCTTCATCCTAGTGTGTTGGAACCATCCTGGATCCAAAG  
GTA





Figure 8

Sequence Name:

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Figure 8A

GTTGDWSSEGCSTEVRPEGTVCCCDHLTFFALLLPTLDQSTVHILTRISQAGCGVSMIFL  
AFTIILYAFLRLSRERFKSEDAPKIHVALGGSFLNLAFLVNVGSGSKGSDAACWARGA  
VEHYFLLCAFTWMGLEAFHLYLLAVRVFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSY  
GLYTIRDRENRTSLELCWFREGTTMYALYITVHGYFLITFLFGMVVLALVVKIFTLSRA  
TAVKERGKNRKKVLTLGLSSLVGVTWGLAIFTPLGLSTVYIFALFNSLQVDFYILIFY

Figure 8B

GGGACCACTGGAGACTGGTCTTCTGAGGGCTGCTCCACGGAGGTCAGACCTGAGGGGACC  
GTGTGCTGCTGTGACCACTGACCTTTTTCGCCCTGCTCCTGAGACCCACCTTGGACCAG  
TCCACGGTGCCATATCCTCACACGCATCTCCAGGCGGGCTGTGGGGTCTCCATGATCTTC  
CTGGCCTTCAACATTATTCTTTATGCCTTTCTGAGGCTTTCCCGGAGAGGTTCAAGTCA  
GAAGATGCCCCAAAGATCCACGTGGCCCTGGGTGGCAGCCTGTTCTCCTGAATCTGGCC  
TTCTTGGTCAATGTGGGGAGTGGCTCAAAGGGGTCTGATGCTGCCTGCTGGGCCCCGGGG  
GCTGTCTTCCACTACTTCTGCTGTGCTTACCTGGATGGGCCTTGAAGCCTTCCAC  
CTCTACCTGCTCGCTGTGAGGGTCTTCAACACCTACTTCGGGCACTACTTCTGAAGCTG  
AGCCTGGTGGGCTGGGGCCTGCCCCCCTGATGGTCATCGGCACTGGGAGTGCCAACAGC  
TACGGCCTCTACACCATCCGTGATAGGGAGAACCGCACCTCTCTGGAGCTATGCTGGTTC  
CGTGAAGGGACAACCATGTACGCCCTCTATATCACCGTCCACGGCTACTTCTCATCACC  
TTCTCTTTGGCATGGTGGTCTTGGCCCTGGTGGTCTGGAAGATCTTACCCTGTCCCGT  
GCTACAGCGGTCAAGGAGCGGGGAAGAACCGGAAGAAGGTGCTCACCTGCTGGGCCTC  
TCGAGCCTGGTGGGTGTGACATGGGGGTGGCCATCTTACCCCCGTGGGCCTCTCCACC  
GTCTACATCTTTGCACTTTTCAACTCCTTGCAAGTTGATTTTTACATATTGATCTTCTAT





Figure 9

Sequence Name:

GW.S.ctg12776-000000.172.0

Figure 9A

NHILDTAAISNWAFIPKNASSDLLQSVNLFARQLHIHNNSENIVNELFIQTKGFHINHN  
TSEKSLNFSMSMNNTTEDILGMVQIPRQELRKLWPNASQAISIAFPTLGAILREHLQNV  
SLPRQVNLVLSVVLPERLQEIILTFEKINKTRNARAQCVGWHSSKKRRWDEKACQMMLDI  
RNEVKCRCNYTSVVMSSFSILMSSKSMTDKVLDYITCIGLSVLSILSLVLCIIIEATVWSRV  
VVTEISYMRHVCIVNIAVSLLTANVWFIIGSHFNKAQDYNMCAVAVTFFSHFFYLSLFFW  
MLFKALLIIYGILVIFRRMMKSRMMVIGFAIGYGCPLIIAVTTVAITEPEKGYIRPEACW  
LNWDNTKALXAFAPAFVIVAVNLIVVLVAVNTQRPSIGSSKSQDVVIIMRISKNVAIL  
TPLLGLTWGFGIATLIEGTSLTFHIIIFALLNAQFFILLFGTIMDHKV

Figure 9B

AACCACATCCTCGACACAGCAGCCATTTCAAACCTGGGCTTTCATTCCCAACAAAAATGCC  
AGCTCGGATTTGTTGCAGTCAGTGAATTTGTTTGCCAGACAACCTCCACATCCACAATAAT  
TCTGAGAACATTGTGAATGAACCTTTCATTGAGACAAAAGGGTTTCACATCAACCATAAT  
ACCTCAGAGAAAAGCCTCAATTTCTCCATGAGCATGAACAATACCACAGAAGATATCTTA  
GGAATGGTACAGATTCCCAGGCAAGAGCTAAGGAAGCTGTGGCCAAATGCATCCCAAGCC  
ATTAGCATAGCTTTCCCAACCTTGGGGGCTATCCTGAGAGAAGCCCACTTGCAAAATGTG  
AGTCTTCCAGACAGGTAATGGTCTGGTGTCTATCAGTGGTTTACCAGAAAGGTTGCAA  
GAAATCATACTCACCTTCGAAAAGATCAATAAAACCCGCAATGCCAGAGCCCAGTGTGTT  
GGCTGGCACTCCAAGAAAAGGAGATGGGATGAGAAAGCGTGCCAAATGATGTTGGATATC  
AGGAACGAAGTGAAATGCCGCTGTAACCTACACCAGTGTGGTGATGTCTTTTCCATTCTC  
ATGTCTCTCAAATCGATGACCGACAAAGTTCTGGACTACATCACCTGCATTGGGCTCAGC  
GTCTCAATCCTAAGCTTGGTTCTTTGCCTGATCATTGAAGCCACAGTGTGGTCCCGGGTG  
GTTGTGACGGAGATATCATACTGCGTCACGTGTGCATCGTGAATATAGCAGTGTCCCTT  
CTGACTGCCAATGTGTGGTTTATCATAGGCTCTCACTTTAACATTAAGGCCAGGACTAC  
AACATGTGTGTTGCAGTGACATTTTTCAGCCACTTTTCTACCTCTCTCTGTTTTTCTGG  
ATGCTCTTCAAAGCATTGCTCATCATTTATGGAATATTGGTCATTTTCCGTAGGATGATG  
AAGTCCCGAATGATGGTCATTGGCTTTGCCATTGGCTATGGGTGCCCATTGATCATTGCT  
GTCACTACAGTTGCTATCACAGAGCCAGAGAAAGGCTACATAAGACCTGAGGCCTGTTGG  
CTTAACCTGGGACAATACCAAAGCCCTTTAAGCATTTGCCATCCCGGCGTTCGTCAATTGTG  
GCTGTAAATCTGATTGTGGTTTTGGTTGTTGCTGTCAACACTCAGAGGCCCTCTATTGGC  
AGTTCCAAGTCTCAGGATGTGGTCATAATTATGAGGATCAGCAAAAATGTTGCCATCCTC  
ACTCCACTGCTGGGACTGACCTGGGGTTTTGGAATAGCCACTCTCATAGAAGGCACTTCC  
TTGACGTTCCATATAATTTTTGCCTTGCTCAATGCTTTCCAGGGTTTTTTCATCCTGCTG  
TTTGAACCATTATGGATCACAAGGTA

